

AMENDMENTS TO THE CLAIMS

Please cancel claims 12, 22, and 32 without prejudice or disclaimer. This listing of claims will replace all prior versions, and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A method for using workflows, comprising the steps of:
associating workflows with ~~domains~~ one or more groups in a data structure an identity system, each ~~domain identifies a portion of said data structure group including one or more users of the identity system~~;
receiving a request to perform a task that pertains to at least one identity profile of an entity in said data structure identity system; and
performing a first workflow for said task, said first workflow is associated with a first ~~domain~~ group that includes a target identity profile of said request;
wherein:
said first workflow comprises a predefined set of steps that perform said task to affect the target identity profile, said predefined set of steps comprising a first step and a second step;
said first step is performed by a first program;
said second step is performed by a second program;
information is passed between said first program and said second program according to a defined set of rules; and
at least one of the first program and the second program is external to the workflow.
2. (Currently Amended) A method according to claim 1, wherein:
said step of associating includes associating said first workflow with said first ~~domain~~ group, said step of associating said first workflow includes choosing a first entry in said

a data structure, said data structure is a hierarchical data structure of entities in the identity system, said first domain includes said first entry and entries below said first entry.

3. (Currently Amended) A method according to claim 2, wherein:
said step of performing includes identifying one or more workflows associated with said target identity profile.
4. (Currently Amended) A method according to claim 1, wherein:
said request includes an identification of said target identity profile;
said step of performing includes identifying a set of one more workflows that perform said task and are associated with ~~domains~~ groups that include said target identity profile, said set of one more workflows includes said first workflow.
5. (Currently Amended) A method according to claim 4, wherein:
said request is a request to delete said target identity profile.
6. (Currently Amended) A method according to claim 4, wherein:
said request is a request to modify said target identity profile.
7. (Currently Amended) A method according to claim 1, wherein:
said request includes an identification of said target identity profile; and
said step of performing includes the steps of:
identifying a set of one more workflows that perform said task and are associated with ~~domains~~ groups that include said target identity profile, said set of one more workflows includes said first workflow,
reporting said set of one more workflows,
receiving from a user a selection of said first workflow, and
performing one or more steps of said first workflow.
8. (Currently Amended) A method according to claim 1, wherein:

said step of performing includes identifying workflows for said task, identifying ~~domains~~ groups associated with said workflows for said task, and receiving from a user a selection of said first workflow.

9. (Original) A method according to claim 1, wherein:
said steps of associating, receiving and performing are performed by an integrated identity and access system.
10. (Original) A method according to claim 1, wherein:
said request is for self-registration.
11. (Original) A method according to claim 1, wherein:
said request is from a parent workflow; and
said first workflow is a sub-workflow to said parent workflow.
12. (Canceled)
13. (Currently Amended) A method according to claim ~~12~~ 2, wherein:
said hierarchical data structure includes an LDAP directory.
14. (Currently Amended) One or more processor readable storage devices having processor readable code embodied on said processor readable storage devices, said processor readable code for programming one or more processors to perform a method comprising the steps of:
associating workflows with ~~domains~~ one or more groups in a data structure an identity system, each ~~domain identifies a portion of said data structure~~ group including one or more users of the identity system;
receiving a request to perform a task that pertains to at least one identity profile of an entity in said data structure identity system; and
performing a first workflow for said task, said first workflow is associated with a first ~~domain~~ group that includes a target identity profile of said request;

wherein:

said first workflow comprises a predefined set of steps that perform said task to affect the target identity profile, said predefined set of steps comprising a first step and a second step;

said first step is performed by a first program;

said second step is performed by a second program;

information is passed between said first program and said second program according to a defined set of rules; and

at least one of the first program and the second program is external to the workflow.

15. (Currently Amended) One or more processor readable storage devices according to claim 14, wherein:

said step of associating includes associating said first workflow with said first ~~domain~~ group, said step of associating said first workflow includes choosing a first entry in said a data structure, said data structure is a hierarchical data structure of entities in the identity system, said first domain includes said first entry and entries below said first entry.

16. (Currently Amended) One or more processor readable storage devices according to claim 15, wherein:

said step of performing includes identifying one or more workflows associated with said target identity profile.

17. (Currently Amended) One or more processor readable storage devices according to claim 14, wherein:

said request includes an identification of said target identity profile;

said step of performing includes identifying a set of one more workflows that perform said task and are associated with ~~domains~~ groups that include said target identity profile, said set of one more workflows includes said first workflow.

18. (Currently Amended) One or more processor readable storage devices according to claim 14, wherein:

said request includes an identification of said target identity profile; and

said step of performing includes the steps of:

identifying a set of one more workflows that perform said task and are associated with ~~domains~~ groups that include said target identity profile, said set of one more workflows includes said first workflow,

reporting said set of one more workflows,

receiving from a user a selection of said first workflow, and

performing one or more steps of said first workflow.

19. (Currently Amended) One or more processor readable storage devices according to claim 14, wherein:

said step of performing includes identifying workflows for said task, and identifying ~~domains~~ groups associated with said workflows for said task, receiving from a user a selection of said first workflow.

20. (Original) One or more processor readable storage devices according to claim 14, wherein:

said steps of associating, receiving and performing are performed by an integrated identity and access system.

21. (Original) One or more processor readable storage devices according to claim 14, wherein:

said request is from a parent workflow; and

said first workflow is a sub-workflow to said parent workflow.

22. (Canceled)

23. (Currently Amended) One or more processor readable storage devices according to claim ~~22~~ 15, wherein:

said hierarchical data structure includes an LDAP directory.

24. (Currently Amended) An apparatus that uses workflows, comprising:
a communication interface;
one or more processor in communication with said communication interface, said one or more processors perform a method comprising the steps of:

associating workflows with ~~domains~~ one or more groups in a data structure an identity system, each ~~domain identifies a portion of said data structure group including one or more users of the identity system;~~

receiving a request to perform a task that pertains to at least one identity profile of an entity in said data structure identity system; and

performing a first workflow for said task, said first workflow is associated with a first ~~domain~~ group that includes a target identity profile of said request;

wherein:

said first workflow comprises a predefined set of steps that perform said task to affect the target identity profile, said predefined set of steps comprising a first step and a second step;

said first step is performed by a first program;

said second step is performed by a second program;

information is passed between said first program and said second program according to a defined set of rules; and

at least one of the first program and the second program is external to the workflow.

25. (Currently Amended) An apparatus according to claim 24, wherein:
said step of associating includes associating said first workflow with said first ~~domain~~ group, said step of associating said first workflow includes choosing a first entry in said

a data structure, said data structure is a hierarchical data structure of entities in the identity system, said first domain includes said first entry and entries below said first entry.

26. (Currently Amended) An apparatus according to claim 25, wherein:
said step of performing includes identifying one or more workflows associated with said target identity profile and entries in said hierarchical data structure that are above said target identity profile.

27. (Currently Amended) An apparatus according to claim 24, wherein:
said request includes an identification of said target identity profile;
said step of performing includes identifying a set of one more workflows that perform said task and are associated with ~~domains~~ groups that include said target identity profile,
said set of one more workflows includes said first workflow.

28. (Currently Amended) An apparatus according to claim 24, wherein:
said request includes an identification of said target identity profile; and
said step of performing includes the steps of:
identifying a set of one more workflows that perform said task and are associated with ~~domains~~ groups that include said target identity profile, said set of one more workflows includes said first workflow,
reporting said set of one more workflows,
receiving from a user a selection of said first workflow, and
performing one or more steps of said first workflow.

29. (Currently Amended) An apparatus according to claim 24, wherein:
said step of performing includes identifying workflows for said task, and
identifying ~~domains~~ groups associated with said workflows for said task, receiving from a user a selection of said first workflow.

30. (Original) An apparatus according to claim 24, wherein:
said one or more processors are part of an integrated identity and access system.

31. (Original) An apparatus according to claim 24, wherein:
said request is from a parent workflow; and
said first workflow is a sub-workflow to said parent workflow.
32. (Canceled)
33. (Currently Amended) An apparatus according to claim ~~32~~ 25, wherein:
said hierarchical data structure includes an LDAP directory.
34. (Currently Amended) A method according to claim 1, ~~wherein said target is a target identity profile, and~~ wherein said task comprises managing said target identity profile.
35. (Previously Presented) A method according to claim 34, wherein managing said identity profile comprises one or more tasks selected from the group consisting of: creating a user, deleting a user, changing a user attribute, creating a group, deleting a group, and changing a group attribute.
36. (Previously Presented) A method according to claim 34, wherein managing said identity profile comprises managing a certificate associated with said identity profile.
37. – 38. (Canceled)